

speco technologies®

## The Intensifier Series



### HT-INTB1

3-9mm auto iris lens

### HT-INTB2

5-50mm auto iris lens



*Tamperproof!*

### HT-INTD3

3-9mm auto iris lens

### HT-INTD4

5-50mm auto iris lens



**HT-INTT5** (shown with optional lens)  
accepts C & CS type lenses

### Features

#### *See In The Dark Without IR LEDs*

**Intensifier:** Amplifies and maximizes existing light to generate pictures where other cameras cannot. Sensitivity down to 0.002 lux, in color!

**SLC – Speco Light Compensation:** WDR adjustability for your toughest back lit situations

**Super High Resolution:** Horizontal resolution of 540 TV lines is achieved by using a Sony double speed (410,000 pixels) CCD with a customized DSP behind it.

**OSD (On Screen Display):** All camera functions are controlled using an “easy to follow” OSD. The OSD can be controlled using:

- On-board push buttons on the traditional models
- Wireless IR remote control and receiving mouse on the bullet and dome models (included)
- Pelco “D” protocol from a DVR on the bullet and dome models

**DNR (Dynamic Noise Reduction):** Reduces video noise and snow in low light situations

**Day/Night Setting:** Camera can always remain in color or automatically switch into the B/W mode in low light situations. The choice is yours. Remember that nighttime color is dependent upon environmental conditions.

**Dual Voltage Operation:** Operate the Intensifiers on 12 volts DC or 24 volts AC to suit your application

**Line Lock:** Automatically sensed and activated in the 24 VAC mode of operation

**Detail (Sharpness) Settings:** User adjustable through the OSD to maximize the picture quality

**Full Adjustability:** The dome and bullet cameras are easily adjustable for wall and ceiling use... both indoors and outdoors

**Camera Titles:** Identify each camera in a multi-camera system

Specifications subject to change

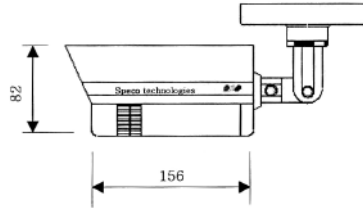
For more information contact us at:

Speco Technologies 200 New Highway, Amityville, NY 11701 Web: [www.specotech.com](http://www.specotech.com)  
Toll Free: 1-800-645-5516 In Metro NY: 631-957-8700 Fax: 631-957-9142 or 631-957-3880

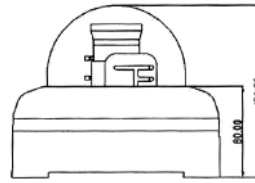


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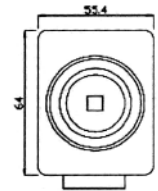
\* SIDE VIEW : HT-INTB1



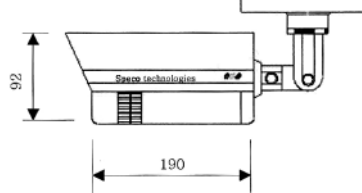
\* SIDE VIEW : HT-INTD3 & D4



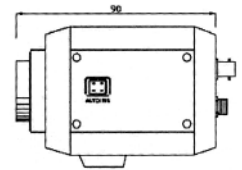
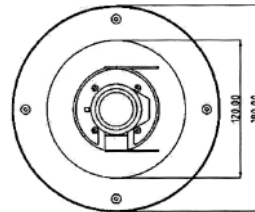
\* SIDE VIEW : HT-INTT5



\* SIDE VIEW : HT-INTB2



\* TOP VIEW : HT-INTD3 & D4



### Specifications

Resolution . . . . .	540 TV lines
Image Sensor . . . . .	1/3" Sony Double Speed Super-HAD* CCD (410K pixels)
Minimum Illumination . . . . .	.002 lux (Intensifier mode) .03 lux (shutter)
Total Pixels . . . . .	811 (H) x 508 (V), 1/3" CCD
Effective Pixels . . . . .	768 (H) x 494 (V), 1/3" CCD
Maximum Aperture Ratio . . . . .	1:1.3 - 2.0
Lens Type . . . . .	HT-INTB1 & HT-INTD3: DC varifocal auto iris 3mm-9mm HT-INTB2 & HT-INTD4: DC varifocal auto iris 5mm-50mm HT-INTT5 accepts "CS" type lenses
Scanning System . . . . .	2:1 Interlace 525 lines / 60 Fields / 30 Frames
Synchronization . . . . .	Internal / line lock selectable
Video Output . . . . .	1.0 V(p-p) NTSC composite, 75Ω / BNC connector + video test port
Speco Light Compensation (SLC/WDR) . . . . .	OFF / LOW / MIDDLE / HIGH
Gain Control . . . . .	AGC-L, AGC-H, AGC-M OFF, selectable,
Electronic Shutter Speed . . . . .	1/60 - 1/200,000 sec.
Intensifier . . . . .	Built-in (selectable from 2x - 128x)
White Balance . . . . .	ATW / AWC / MANUAL
S/N (Y signal) . . . . .	50 dB (weight on)
Digital Noise Reduction . . . . .	ON / LOW / MIDDLE / HIGH
Power Source . . . . .	12 Volts DC and 24 Volts AC, internal isolation (Dual Voltage)
Motion Detection . . . . .	4 adjustable zones
On-Screen Display (O.S.D.) . . . . .	Built-in
Privacy Function . . . . .	ON / OFF (4 programmable zones)
Operating Temperature . . . . .	-20°F to +120°F
Operational Humidity . . . . .	95% RH

\*Super-HAD is a trademark of the Sony Corporation

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